FCST Communication

Better FTTx, Better Life.



November, 2025

Technical Information

FCST-2HC-SC
Push Fit Duct Coupler

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www.microductcoupler.com

Push Fit Duct Coupler

The Push Fit Duct Coupler,Experience the same fast and easy installation of our Push-Lock couplers now with a new, clear body design.Simply push the duct ends into the coupler for a locked and air-sealed assembly. The non-metallic construction provides excellent corrosion resistance in buried or encased applications and also has desirable dielectric properties.

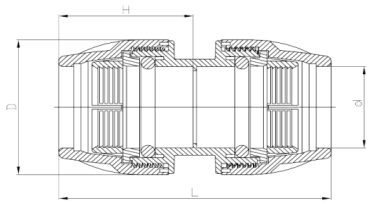


- **Compatible with 25/30/32/50mm pipes.**
- **Pre-lubricated O-ring is water-tight and air-tight.**
- **Suitable for both cable pulling & jetting applications.**
- **Self-locking ring design assembles in seconds and is re-enterable.**
- **Simple, one person "push-on" assembly lowers installation costs.**
- **High strength molded plastic body is ideal for buried duct applications.**
- **The visual confirmation of the pipe within the coupler ensures that it has been properly seated at the center stop.**

Product Specifications

Construction	Description
Material	PP
Reference Standard	JT/T496-2004、Q/KL020-2005
Appearance	Surface gloss, no impurities, no flash, no bubbles, no cracks, complete thread.
Tensile Resistance(Under Tightened State)	≥4300N
Weight(g)	102.3g(32mm)
High Temperature Resistance	-40℃~+65℃

Ordering Information



Model	D (mm)	d (mm)	H (mm)	L (mm)	Weight(g)
FCST-2HC-SC25	48.5±0.5	26±0.5	45±1	92.5±1	65.6±0.1
FCST-2HC-SC32	56.5±0.5	33±0.5	54±1	111±1	102.3±0.1
FCST-2HC-SC40	70.5±0.5	41.5±0.5	70±1	142±1	203.6±0.1
FCST-2HC-SC42.2(1.25")	84.5±0.5	44.0±0.5	75±1	152±1	373.9±0.1
FCST-2HC-SC50	84.5±0.5	84.5±0.5	75±1	152±1	319.2±0.1

Related Products


Telecom Manhole Chamber

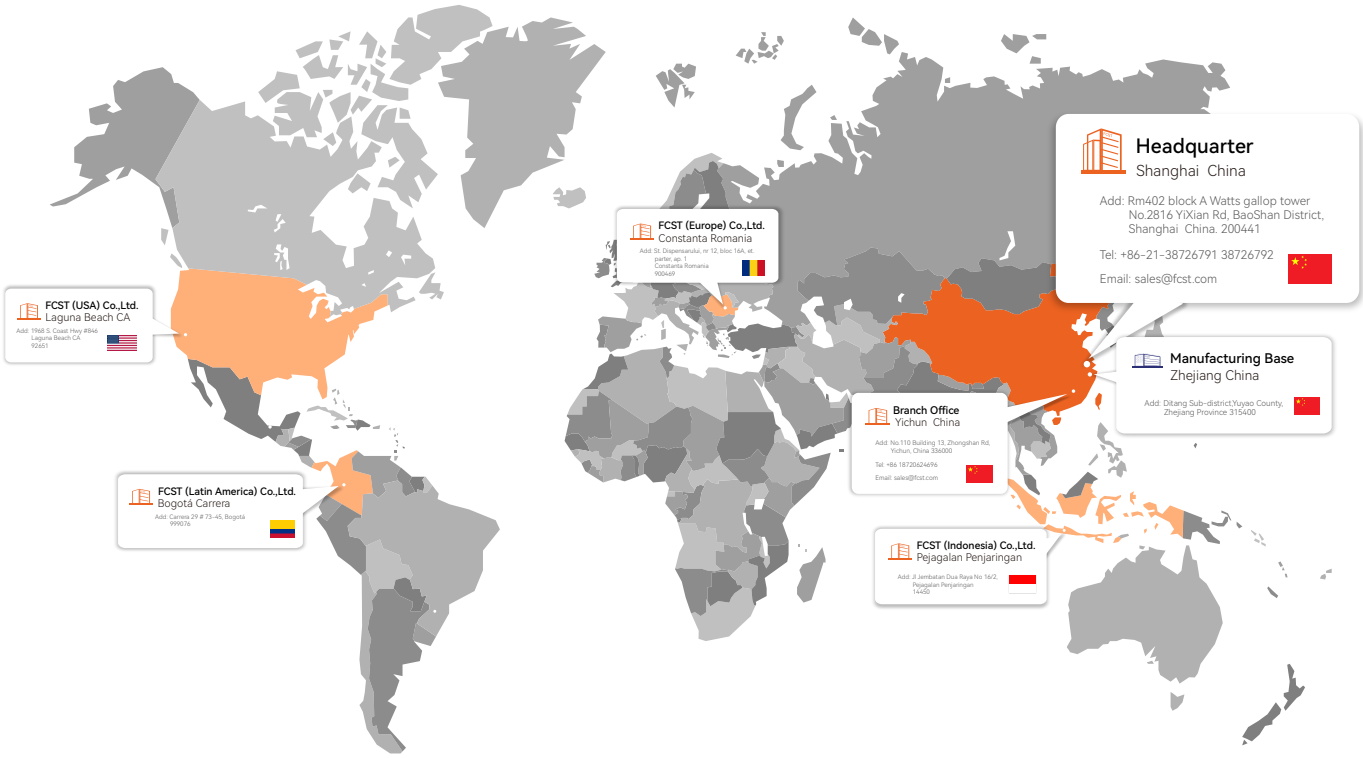

Microduct Connector


Divisible Duct Sealing


Marker Ball

Better FTTx, Better Life.

Fiber Cable Solution Technology Co.,Ltd.



FCST - Better FTTx, Better Life.

At FCST, we manufacture top-quality microduct connectors, microduct closure, telecom manhole chambers and fiber splice boxes since 2003. Our products boast superior resistance to failure, corrosion, and deposits, and are designed for high performance in extreme temperatures. We prioritize sustainability with mechanical couplers and long-lasting durabili-ty.

FCST aspires to a more connected world, believing everyone deserves access to high-speed broadband. We're dedicat-ed to expanding globally, evolving our products, and tackling modern challenges with innovative solutions. As technology advances and connects billions more devices, FCST helps developing regions leapfrog outdated technologies with sustainable solutions, evolving from a small company to a global leader in future fiber cable needs.

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